



Alaska Department of Transportation & Public Facilities

Kodiak Airport Apron and Taxiways C, D, and F Rehabilitation Project

Project # SFAPT00227

April 22, 2021

Welcome!



Safety Moment



Introductions

Presented by Nick Straka, P.E. with HDR



Introductions

Participants:

Lynae Craig

Amy Fuller-Lyman

Joseph Galgano

Shelia Ipock

Sarah Kilpatrick

David Pyeatt

Alice Rademacher

Bob Stanford

Ray Stibenski

Nick Straka

Josh Stuckey

Vickie Swain

Andrew Warner

Josie Wilson

Others

Thanks for joining us today!

Kodiak Benny Benson State Airport (ADQ)

- Regional Part 139 hub airport for both public and military use.
- Accommodates the largest operating U.S. Coast Guard (USCG) installation.
- The only base that hosts both aircraft and ships.
- This USCG base responds to emergencies for the entire Kodiak region and Aleutian Islands.

Project Team

Who is performing the work on this project?



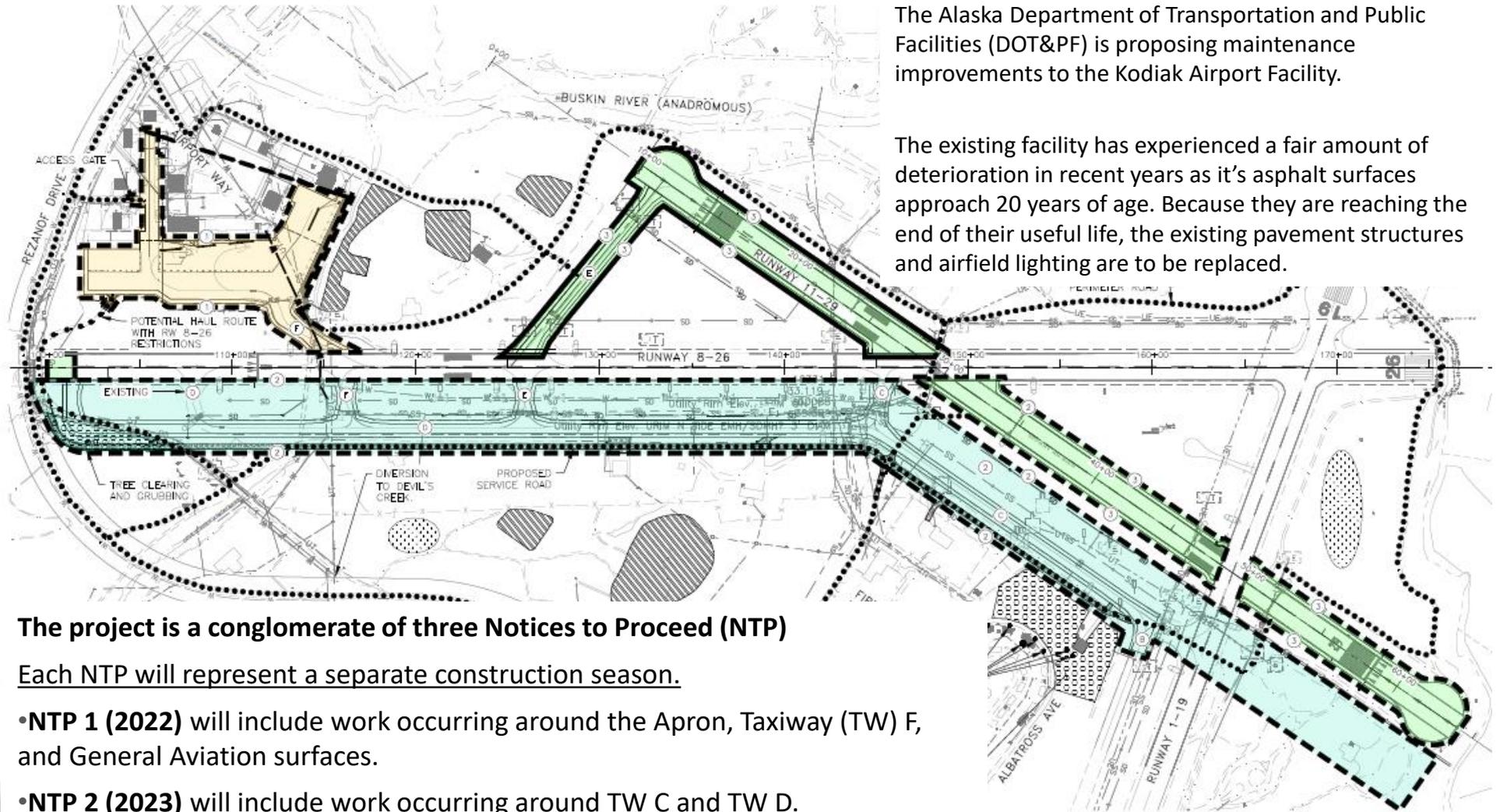
DOT&PF is partnering with HDR and their subconsultants, Shannon & Wilson, Inc., MBA Consulting Engineers, Inc., and Lounsbury and Associates, to perform the work for this project.



Project Overview

The Alaska Department of Transportation and Public Facilities (DOT&PF) is proposing maintenance improvements to the Kodiak Airport Facility.

The existing facility has experienced a fair amount of deterioration in recent years as it's asphalt surfaces approach 20 years of age. Because they are reaching the end of their useful life, the existing pavement structures and airfield lighting are to be replaced.

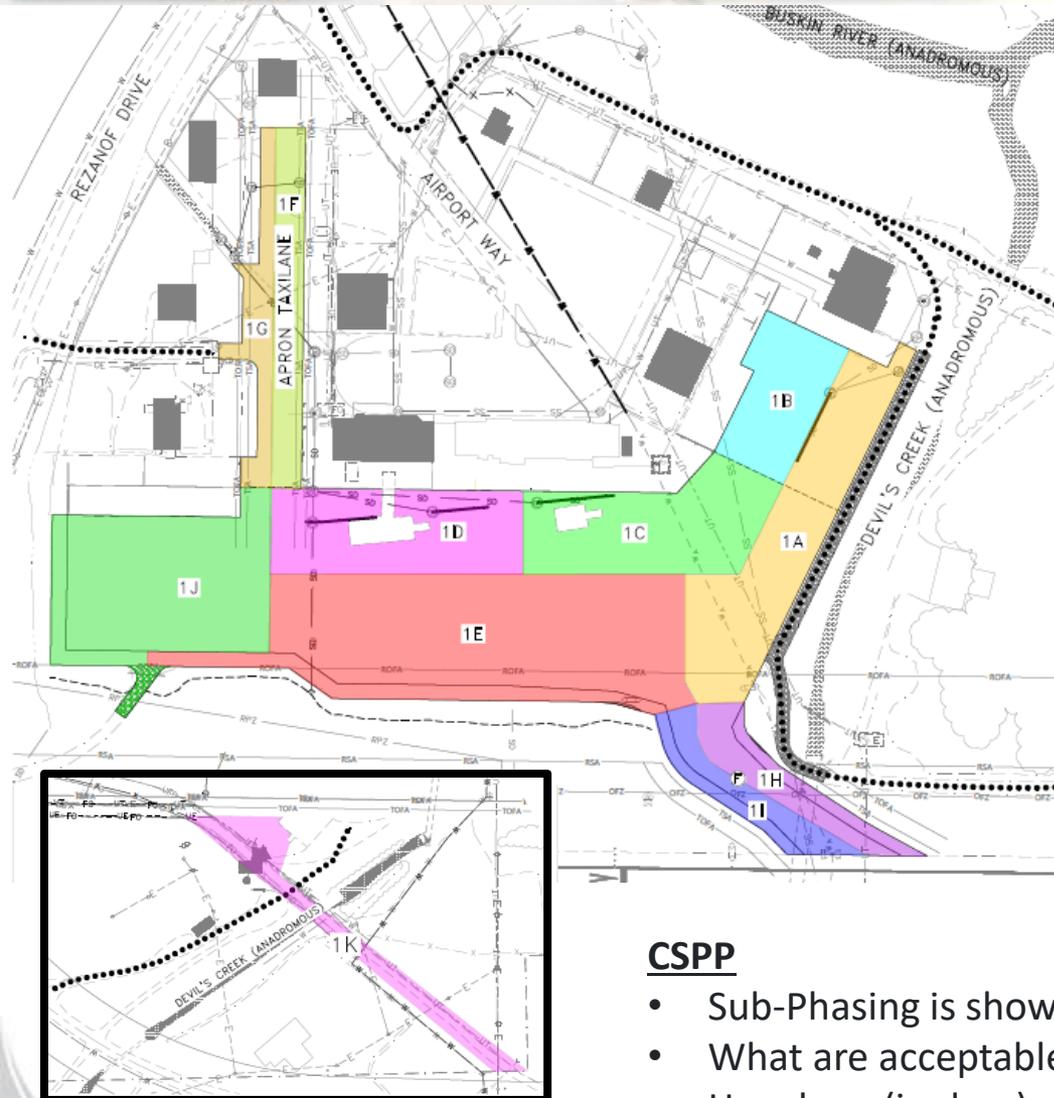


The project is a conglomerate of three Notices to Proceed (NTP)

Each NTP will represent a separate construction season.

- NTP 1 (2022) will include work occurring around the Apron, Taxiway (TW) F, and General Aviation surfaces.
- NTP 2 (2023) will include work occurring around TW C and TW D.
- NTP 3 (2024) will include work occurring around Runway (RW) 11-29 and TW E.

Summary of Work: NTP 1 Design

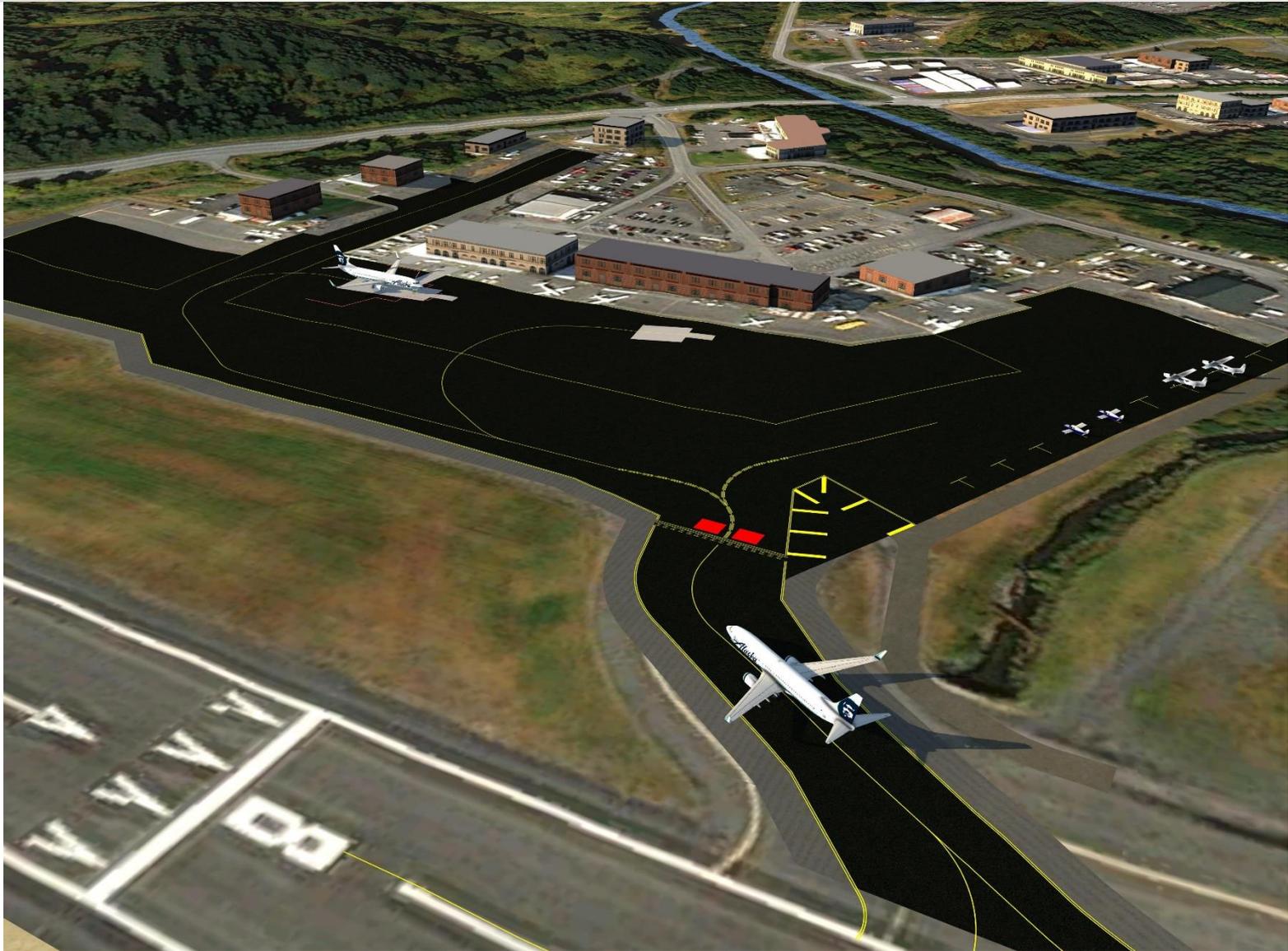


- Reconstruct the **apron** and **Taxiway F** to support the heavier 737-800. The existing hardstands will remain.
- Pave service road driveways on the **apron**.
- Replace associated edge lights, home runs, transformers, and signs.
- Install **apron** flood lighting on the west end of the **apron**.
- Replace storm drainage infrastructure in the vicinity of the **apron**.
- Install two oil/water separators, one on each side of the **apron**.
- Potentially replace the USCG water line. If that occurs, a fire hydrant will be constructed inside the fence.
- Add a service road between apron and Devil's Creek.

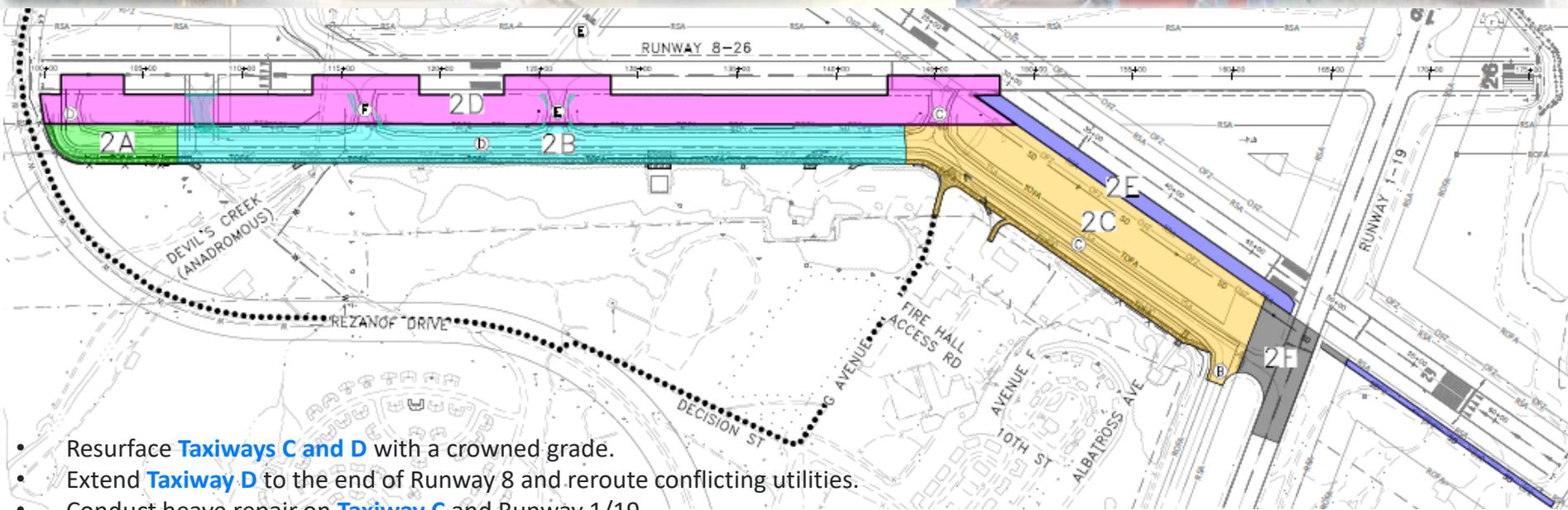
CSPP

- Sub-Phasing is shown in the image above.
- What are acceptable durations for each sub-phase?
- How long (in days) can RW 8-26 be closed to construct TW F?

Visualization Proposed - Apron



Summary of Work: NTP 2 Design



- Resurface **Taxiways C and D** with a crowned grade.
- Extend **Taxiway D** to the end of Runway 8 and reroute conflicting utilities.
- Conduct heave repair on **Taxiway C** and Runway 1/19.
- Relocate service road that parallels **Taxiways C and D** to outside the ADG III taxiway object-free area (TOFA) and ADG IV taxiway safety area (TSA).
- Pave service road driveways onto **Taxiways C, D**, and **F**.
- Remove existing connector **Taxiway D** pavement and reestablish infield grassy areas.
- Replace existing storm infrastructure and pipes. Regrade infield areas to Federal Aviation Administration standards.
- Replace associated edge lights, home runs, transformers, and signs.
- Relocate TW C fire hydrant to service road.
- Clear trees and brush that block the Tower's view of TW B and TW C.

CSPP

- Sub-Phasing is shown in the image above.
- What are acceptable durations for each sub-phase?
- How long (in days) can RW 1-19 be closed to replace the storm drain crossing?
- When is the best time of day to close RW 8-26 and RW 1-19 for work inside the RSA?

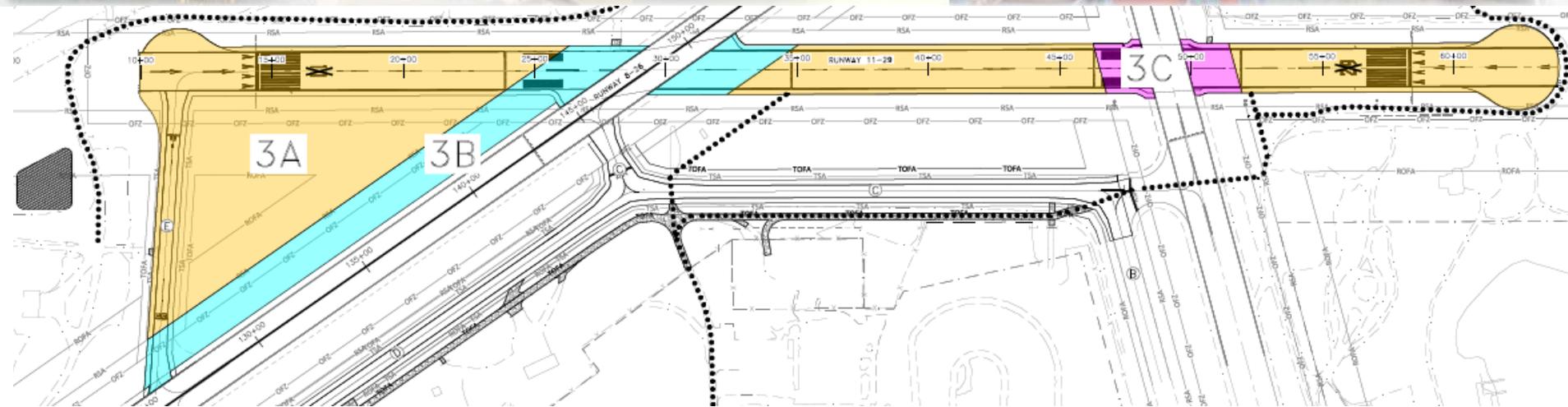
Visualization Proposed – Taxiway D



Visualization Proposed - Taxiway C



Summary of Work: NTP 3 Design

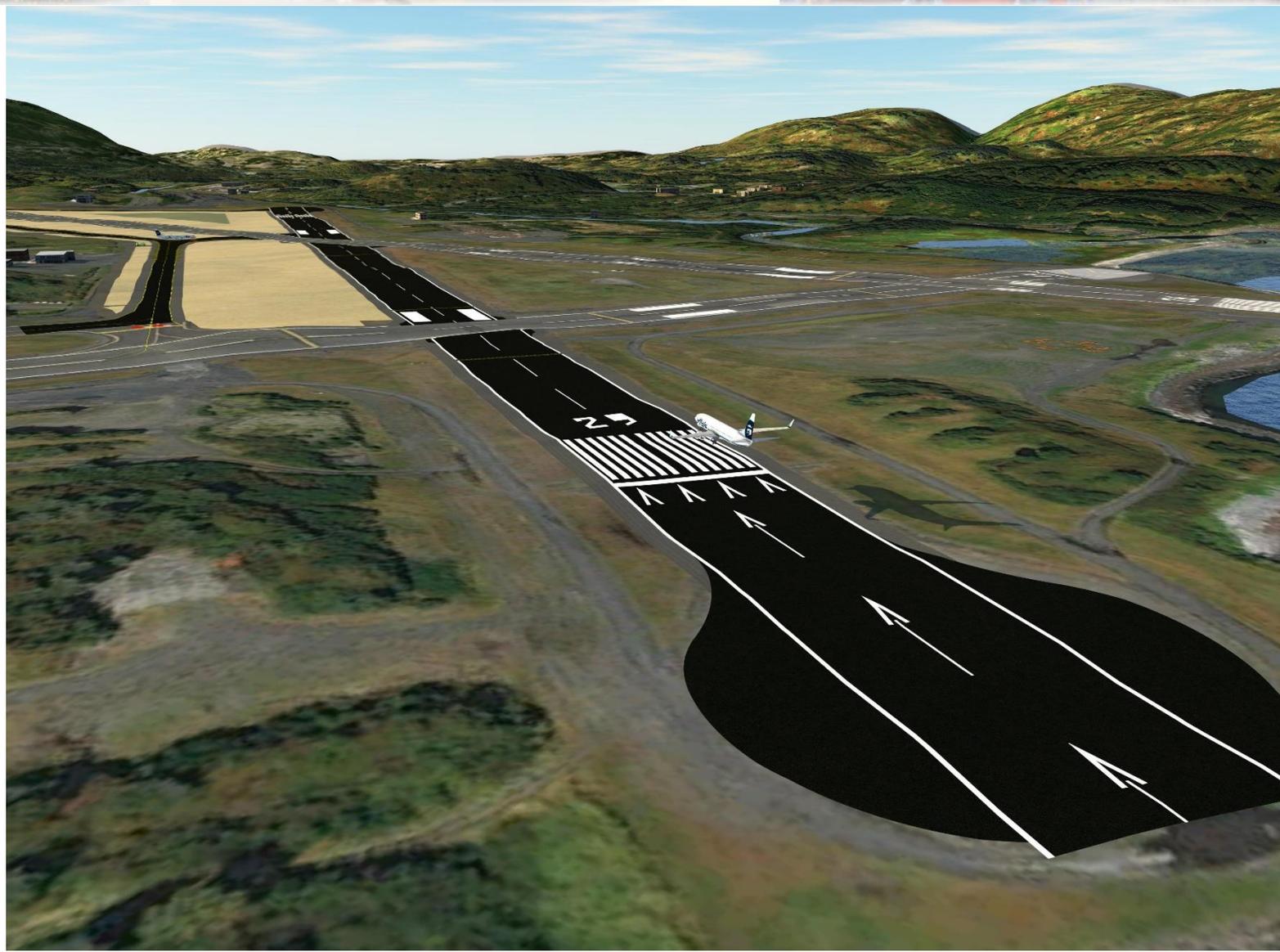


- Resurface **Runway 11/29** and **Taxiway E** with a crowned grade.
- Conduct heave repair on **Runway 11/29** and **Taxiway E**.
- Pave service road driveways to **Runway 11/29** and **Taxiway E**.
- Replace associated edge lights, home runs, transformers, and signs.
- Replace existing storm infrastructure and regrade infield areas to Federal Aviation Administration standards.
- Reconstruct RW 11 bulb and intersecting TW E which will require removal of underlying concrete to facilitate intersection grading.
- Repair damage at the end of RW 8.

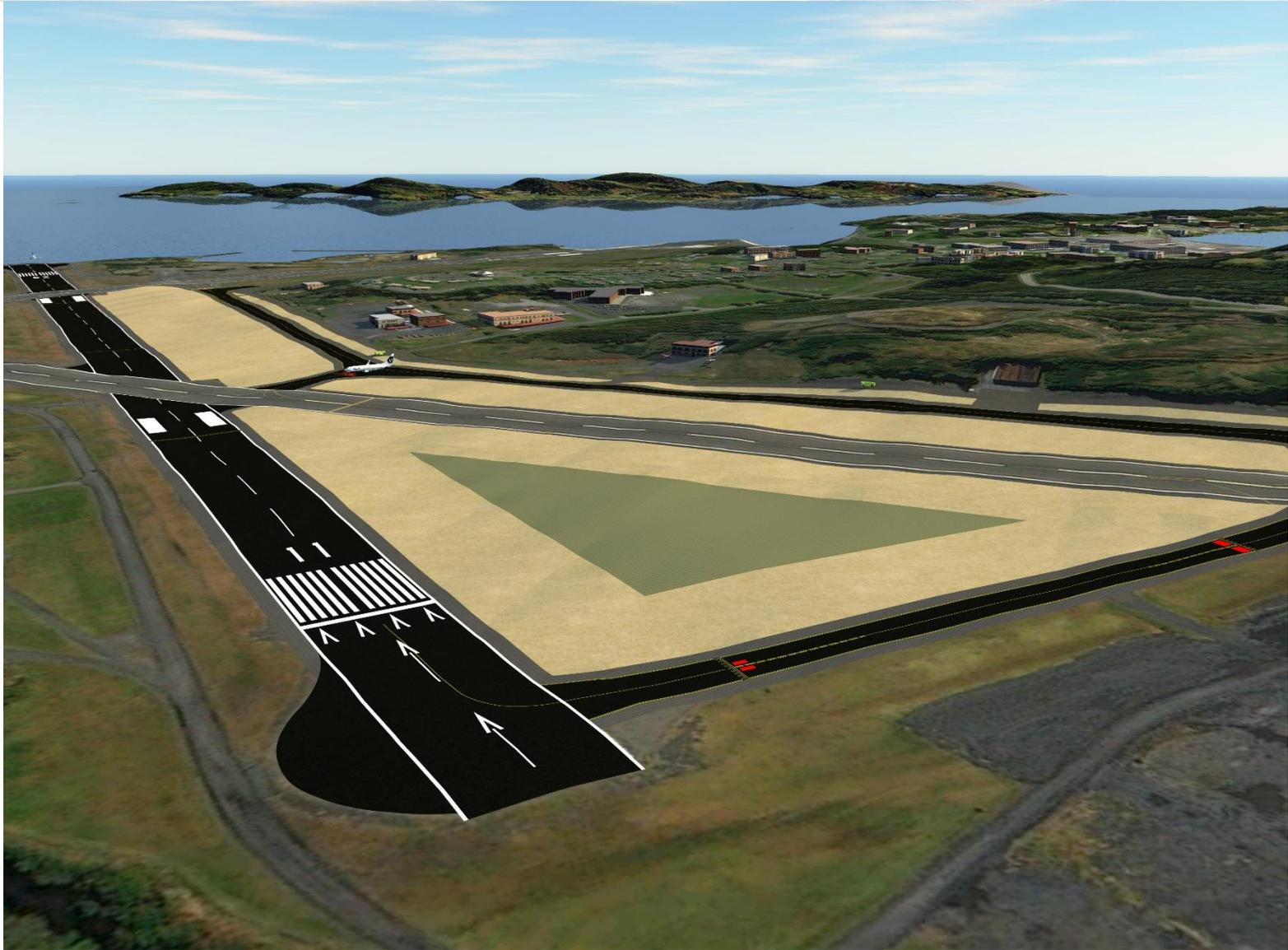
CSPP

- Sub-Phasing is shown in the image above.
- What are acceptable durations for each sub-phase?
- When is the best time of day to close RW 8-26 and RW 1-19 for work inside the RSA?

Visualization Proposed – Runway 11-29



Visualization Proposed – RW 11-29 and Taxiway E



Project Funding

- The project cost will be approximately \$45,000,000.
- Approximately 95% of this project cost will be funded by the Federal Aviation Administration
- The remaining balance will be paid by the State of Alaska.



Environmental Processes

Development of this proposed project would follow a process required by the National Environmental Policy Act (NEPA). Based on project location and scope of work, the required NEPA environmental document is anticipated to be a Focused EA.



Possible Affected Resources

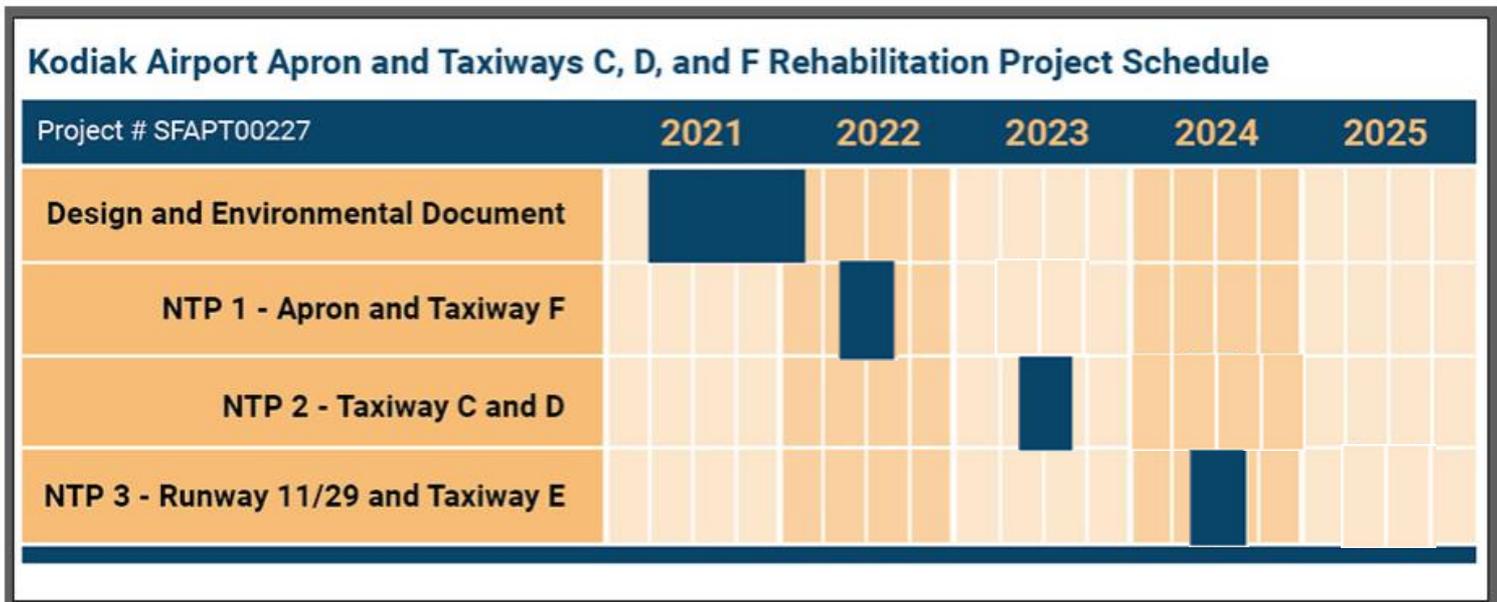
- Hazardous Waste
- Historic Properties
- Section 4f/6f Properties
- Fish

Project Status & Schedule

The project design is currently 65% complete.

Next Steps:

- Receive public feedback and comment
- Further the design plan to 100%
- Plan and follow all NEPA requirements
- Construction anticipated for NTP 1 is 2022, NTP 2 is 2023, and NTP 3 is 2024



Additional Resources

Visit the Project Website for Additional Details:

<http://www.kodiakairportrehab.com/>

The screenshot shows the website header for the Alaska Department of Transportation and Public Facilities. It includes the state logo, the name 'Nakhwal'in shoo ihlii (Dinjii Zhuh K'yaa) "I am happy to see you all."', and navigation links for 'myAlaska', 'Departments', and 'State'. Below the header is a search bar for 'DOT&PF' and a main title 'Kodiak Airport Rehabilitation Project'. A breadcrumb trail at the bottom reads: 'You are here: DOT&PF > Southcoast Region > Kodiak Airport Apron and Taxiways C, D, and F Rehabilitation Project'.

Kodiak Airport Apron and Taxiways C, D, and F Rehabilitation Project

Project # SFAPT00227

Welcome to the website for the Kodiak Airport apron and Taxiways C, D, and F Rehabilitation Project.

This screenshot displays the 'Frequently Asked Questions' page for the Kodiak Airport Apron and Taxiways C, D, and F Rehabilitation Project. The page is titled 'Kodiak Airport Apron and Taxiways C, D, and F Rehabilitation Project' and 'Project Fact Sheet'. It features a list of questions and answers, including:

- 1. What is the purpose of this project?** The existing facility has experienced a fair amount of deterioration in recent years as its asphalt surfaces approach 20 years of age. Because they are reaching the end of their useful life, the existing pavement structures and airfield lighting need to be replaced.
- 2. What type of improvements are being made to Taxiways C, D, and F?** The Alaska Department of Transportation and Public Facilities (DOT&PF) is proposing maintenance improvements to the Kodiak Airport Facility. The existing facility has experienced a fair amount of deterioration in recent years as its asphalt surfaces approach 20 years of age. Because they are reaching the end of their useful life, the existing pavement structures and airfield lighting are to be replaced. Development of this proposed project would follow a process required by the National Environmental Policy Act (NEPA). Based on project location and scope of work, the required NEPA environmental document is anticipated to be a Focused Environmental Assessment (EA).
- 3. Who is performing the work?** DOT&PF is performing the work.
- 4. When will construction start?** Construction is anticipated to start in the fall of 2023.

The page also includes an 'Overview' section and a map of the airport facility. The map shows the location of the apron and taxiways, with a legend indicating 'Apron and Taxiway E', 'Taxiway C and D', and 'Taxiway F and Runway 11/29'. The project number 'Project # SFAPT00227' is visible at the bottom.



Project Contacts

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**THANK
YOU**

